

SPECIFICATION

Please insert the following priority claim as the first paragraph of the specification:

This is a division of Application No. 09/196,127, filed November 20, 1998.

Please replace the paragraph beginning at Line 23 of Page 9 with the following paragraph.

Given this constraint, a typical maximal number of time slots per frame that a mobile can receive and/or transmit in is five in GSM or GPRS systems, not all eight which are available in each TDMA frame. (However, Applicant has also envisioned the possibility that in future systems, mobile stations may be permitted to transmit and/or receive information using more timeslots to increase throughput, see ~~U.S. Patent Application Serial No. 08/544,844~~ U.S. Patent No. 6,018,661, entitled "Identifying Inhibiting and Controlling Signal Strength Measurements by a Mobile Station in a Wireless Communication System", to Raith et al., the disclosure of which is incorporated here by reference). The GPRS specification allows for overhead signaling where the mobile indicates its capability to the system. There are several capability classes defined. The capability class can, for example, be expressed as maximum of the sum of transmit and receive slots, e.g., 5. The mobile station can, for example, enter into an operating mode where it receives in 4 slots and transmits in 1 slot or another operating mode wherein it receives in 3 slots and transmits in 2.

Please replace the paragraph beginning at Line 5 of Page 12 with the following paragraph.

In any event, once a new transmission rate is determined, the mobile station transmits an indicator to the system regarding the mobile station's new transmission rate at step 208. This permits the system to reallocate the resources previously assigned to the mobile station at step 210. Depending upon the type of system, this reallocation process may include, for example, assigning released uplink timeslots to other mobile stations, assigning released uplink spreading codes to other mobile stations, and/or assigning additional downlink timeslots to the mobile station which is reducing its transmission rate. Those readers interested in variable rate transmission systems in a TDMA environment are directed to ~~U.S. Patent Application Serial No. 08/725,643~~ U.S. Patent No. 5,987,019, entitled "Multi-Rate Radiocommunication Systems and Terminals", ~~filed on October 15, 1996~~, to Raith et al. For an example of variable rate transmissions in CDMA environment, see ~~U.S. Patent Application Serial 08/890,793~~ U.S. Patent No. 6,108,369, entitled "Channelization Code Allocation for Radio Communication Systems" ~~filed on July 11, 1997~~ to Ovesjö et al. The disclosures of these latter two patent applications are also expressly incorporated here by reference.